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## **Neutrinos in matter**

Thursday 29 November 2018 18:10 (25 minutes)

The Schrodinger equation for three neutrino propagation in matter of constant density is solved analytically. The final result for the oscillation probabilities is obtained directly in the conventional parametric form as in the vacuum but with explicit simple modification of two mixing angles,  $\theta$ 12 and  $\theta$ 13, and mass eigenvalues.

## Content of the contribution

Theory

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